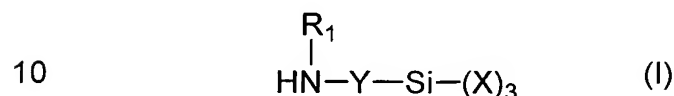


WHAT IS CLAIMED IS:

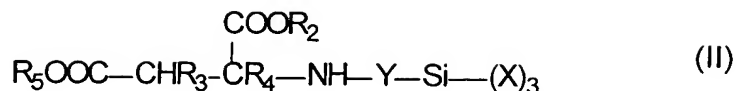
1. A polyether urethane containing one reactive silane group and one or more polyether segments having a number average molecular weight of 1000 to 15,000 and a maximum total degree of unsaturation of less than 0.04 milliequivalents/g (meq/g), wherein the reactive silane groups are incorporated by the reaction of an isocyanate group with a compound corresponding to the formula



wherein

- X represents identical or different organic groups which are inert to isocyanate groups below 100°C, provided that at least two of these groups are alkoxy or acyloxy groups,
- Y represents a linear or branched alkylene group containing 1 to 8 carbon atoms and
- R₁ represents an organic group which is inert to isocyanate groups at a temperature of 100°C or less.
2. The polyether urethane of Claim 1 wherein
- X represents identical or different alkoxy groups having 1 to 4 carbon atoms,
- Y represents a linear radical containing 2 to 4 carbon atoms or a branched radical containing 5 to 6 carbon atoms and
- R₁ represents an alkyl, cycloalkyl or aromatic group having 1 to 12 carbon atoms.

3. The polyether urethane of Claim 1 wherein the reactive silane groups of component b) are incorporated as the reaction product of an isocyanate group and a compound corresponding to the formula

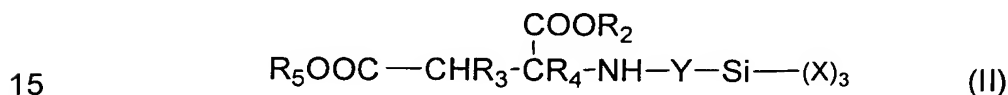


wherein

5 R_2 and R_5 are identical or different and represent organic groups which are inert to isocyanate groups at a temperature of 100°C or less and

R_3 and R_4 are identical or different and represent hydrogen or organic groups which are inert towards isocyanate groups at a
10 temperature of 100°C or less.

4. The polyether urethane of Claim 1 wherein the reactive silane groups of component b) are incorporated as the reaction product of an isocyanate group and a compound corresponding to the formula



wherein

X represents identical or different alkyl or alkoxy groups having 1 to 4 carbon atoms,

20 Y represents a linear radical containing 2 to 4 carbon atoms or a branched radical containing 5 to 6 carbon atoms,

R_2 and R_5 are identical or different and represent alkyl groups having 1 to 4 carbon atoms and

R_3 and R_4 represent hydrogen.

25 5. The polyether urethane of Claim 1 wherein the polyether segments have a number average molecular weight of 3000 to 12,000.

6. The polyether urethane of Claim 2 wherein the polyether segments have a number average molecular weight of 3000 to 12,000.

7. The polyether urethane of Claim 3 wherein the polyether segments have a number average molecular weight of 3000 to 12,000.

8. The polyether urethane of Claim 4 wherein the polyether
5 segments have a number average molecular weight of 3000 to 12,000.